

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

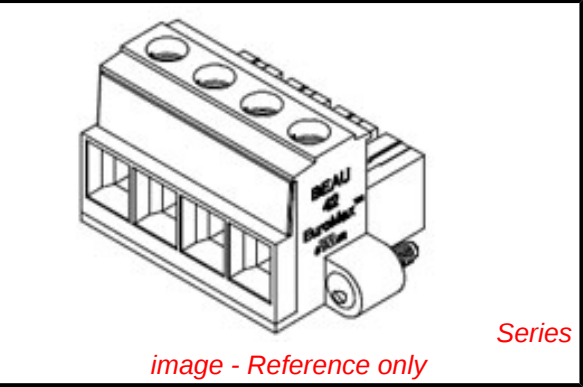
0394220006

Status:

Active

Description:

12.00mm (.472") Pitch Beau™ EuroMax™ Horizontal Plug, with Retention Screws, 6 Circuits



Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Terminal Blocks
Series	39422
Application	Wire-to-Board
Component Type	Plug
Product Name	EuroMax™ Pluggable
Type	Euro Block
Physical	
Circuits (Loaded)	6
Color - Resin	Black
Entry Angle	180° Angle
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Horizontal
PCB Retention	N/A
Panel Mount	No
Pitch - Mating Interface (in)	0.472 In
Pitch - Mating Interface (mm)	12.00 mm
Plating min: Mating (µin)	150
Plating min: Mating (µm)	3.75
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.75
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	130°C
Wire Size AWG	10, 12, 14, 3, 4, 6, 8
Electrical	
Current - Maximum per Contact	85A
Voltage - Maximum	600V
Material Info	
Old Part Number	424506
Reference - Drawing Numbers	
Sales Drawing	SD-39422-001

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

39422Series

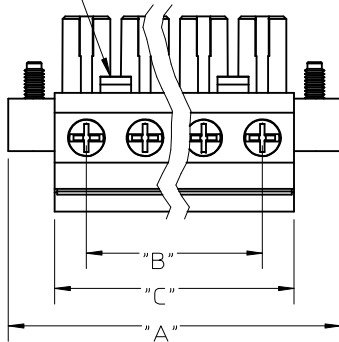
Mates With

39426-0006 Horizontal PCB Header, with Threaded Retention Inserts

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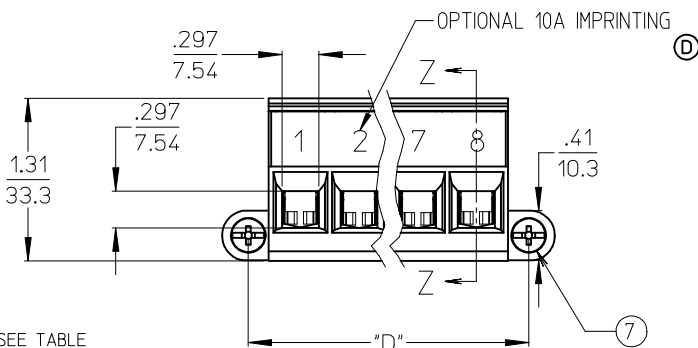
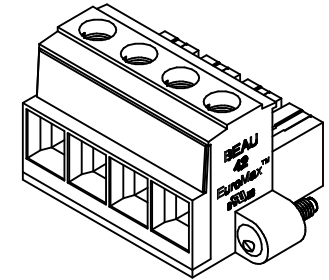
10 9 8 7 6 5 4 3 2 1

2 AND 3 CIRCUIT PARTS HAVE
ONE LATCH DETAIL
POSITIONED ON THIS END.



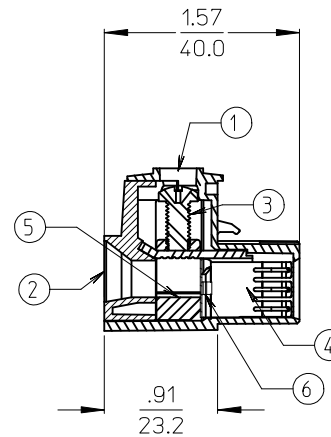
NO. OF CIRC.	STD. MAT. NUMBER	OPTIONAL 10A IMPRINT	"A" IN/MM	"B" IN/MM	"C" IN/MM	"D" IN/MM
02	394220002	394222002	1.73/44.0	.472/12.00	.98/25.0	1.313/33.35
03	394220003	394222003	2.20/56.0	.945/24.00	1.46/37.0	1.785/45.35
04	394220004	394222004	2.68/68.0	1.417/36.00	1.93/49.0	2.258/57.35
05	394220005	394222005	3.15/80.0	1.890/48.00	2.40/61.0	2.730/69.35
06	394220006	394222006	3.62/92.0	2.362/60.00	2.87/73.0	3.203/81.35
07	394220007	394222007	4.09/104.0	2.835/72.00	3.35/85.0	3.675/93.35
08	394220008	394222008	4.57/116.0	3.307/84.00	3.82/97.0	4.148/105.35

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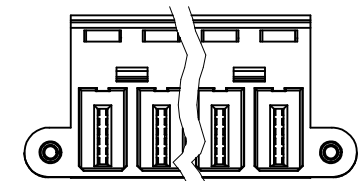


NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: SEE PPS.42.002
4. IMPRINTING CHARACTER HEIGHT IS .170" ⓓ
5. ROHS COMPLIANT BY EXEMPTION *



SECTION Z-Z



7	2	SCREW, MTG. END, M4, PHIL-SLOT	PHOS. BRONZE	TIN PLATE	ADD 10A OPTION EC NO: WNA2009-0615 DRWN: JENCINAS 2009/04/09 CHKD: CYORK 2009/04/09 APPR: JMAGNILL 2009/04/13 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.3 ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE RKEMP 04/10/13 CHECKED BY DATE RSTONE 04/12/07 APPROVED BY DATE G. ROBERTSON 04/12/10 MATERIAL NO.	SCALE 4:1 TITLE PLUG, MTG. ENDS 12MM, 85A, 600V #10-#3 AWG MOLEX INCORPORATED DOCUMENT NO. SD-39422-001 SHEET NO. 1 OF 1	DESIGN UNITS INCH THIRD ANGLE PROJECTION
6	XX	BACK PLATE	PHOS. BRONZE	TIN PLATE						
5	XX	PRESSURE CLAMP *	BRASS	NICKEL PLATE						
4	XX	TERMINAL	COPPER ALLOY	TIN PLATE						
3	XX	SCREW, M5 PAN HEAD, POZI-SLOT	STAINLESS STEEL	TIN PLATE						
2	1	MOLDING COVER	POLYESTER (PBT)	BLACK	ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH	
1	1	MOLDING, BODY, WITH MTG ENDS	POLYESTER (PBT)	BLACK						

1b_frame_B_P_ME_T
Rev. D 2004/04/02

9 8 7 6 5 4 3 2 1